PTO-1390 (Rev. 12-2004)
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أو

| TRANSMITTAL LETTER TO | THE UNITED STATES | ATTORNEY'S DOCKET NUMBER | | | | | | | | |
|--|--|---|------------|--|--|--|--|--|--|--|
| DESIGNATED/ELECTED | OFFICE (DO/EO/US) | 4195-020 | | | | | | | | |
| CONCERNING A SUBMISSION | ON UNDER 35 U.S.C. 371 | U.S. APPLION 10 10 10 10 10 10 10 10 10 10 10 10 10 | | | | | | | | |
| INTERNATIONAL APPLICATION NO. PCT/FR03/02338 | INTERNATIONAL FILING DATE July 23, 2003 | PRIORITY DATE CLAIMED July 26, 2002 | 1 . | | | | | | | |
| | INSTALLATION FOR THE | | 1 | | | | | | | |
| <u>WATER FROM DEIONISED W</u> APPLICANT(S) FOR DO/EO/US | ATER | | | | | | | | | |
| CLAUSSE, Franck; MARTE | IL, Philippe; LEBOUG | C, Germain; LEFORT, Freder | ic | | | | | | | |
| Applicant herewith submits to the United Sta | ates Designated/Elected Office (DO/EC | O/US) the following items and other information: | | | | | | | | |
| 1. This is a FIRST submission of items co | oncerning a submission under 35 U.S.C. 371 | ı. | | | | | | | | |
| 2. This is a SECOND or SUBSEQUENT s | submission of items concerning a submissio | n under 35 U.S.C. 371. | | | | | | | | |
| 3. This is an express request to begin nat (5), (6), (9) and (21) indicated below. | ional examination procedures (35 U.S.C. 37 | 1(f)). The submission must include items | | | | | | | | |
| 4. The US has been elected (Article 31). | The US has been elected (Article 31). | | | | | | | | | |
| 5. A copy of the International Applicatio | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | | | | | | |
| a. 🗓 is attached hereto (required | a. x is attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | |
| b. has been communicated by | b. has been communicated by the International Bureau. | | | | | | | | | |
| | | | | | | | | | | |
| | e International Application as filed (35 U.S.C | C. 371(c)(2)). | | | | | | | | |
| a. 🔀 is attached hereto. | | | | | | | | | | |
| b. L. has been previously submi | itted under 35 U.S.C. 154(d)(4). | | | | | | | | | |
| | ernational Application under PCT Article 19 | | | | | | | | | |
| | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | |
| | I by the International Bureau. | | | | | | | | | |
| | vever, the time limit for making such amendr | nents has NOT expired. | | | | | | | | |
| d. 🗓 have not been made and | | | | | | | | | | |
| | he amendments to the claims under PCT Ar | ticle 19 (35 U.S.C. 3/1(c)(3)). | | | | | | | | |
| | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT | | | | | | | | | |
| Article 36 (35 U.S.C. 371(c)(5)). | le annexes of the international Freimmary L | Admination Report under PO1 | | | | | | | | |
| Items 11 to 20 below concern document(s | s) or information included: | | | | | | | | | |
| 11. An Information Disclosure Statement | t under 37 CFR 1.97 and 1.98. | | | | | | | | | |
| , | ng. A separate cover sheet in compliance w | ith 37 CFR 3.28 and 3.31 is included. | | | | | | | | |
| 13. 🕍 A preliminary amendment. | | | | | | | | | | |
| 14. An Application Data Sheet under 37 | CFR 1.76. | | | | | | | | | |
| 15. A substitute specification. | | | | | | | | | | |
| 16. A power of attorney and/or change o | | 401.00 107.050 4.004 4.005 | | | | | | | | |
| | quence listing in accordance with PCT Rule | | | | | | | | | |
| | rnational Application under 35 U.S.C. 154(d) | • | | | | | | | | |
| | ge translation of the international application | | | | | | | | | |
| در الله الله الله الله الله الله الله الل | liled copy of priori | ty document; Express Mail |]Certifica | | | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JT12 Rec'd PCT/PTO 2 5 JAN 2005

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| U.S. APPLICAT | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. | | | | ATTORNEY'S DOCKET NUMBER | | | | | |
|--|--|-----------------|-------------------------------------|------------|--------------------------|---------------|-----------------|--|--|--|
| | U.S. APPLICATION NO. (if known, see 37 CFR.1.5) INTERNATIONAL APPLICATION NO. PCT/FR03/02338 | | | | 38 | 4195-020 | | | | |
| 21. The following fees are submitted: | | | | | | Applicant use | Office use only | | | |
| X a) Basic national fee\$300.00 | | | | | | \$ 300.00 | | | | |
| b) Examination fee\$200.00 | | | | | | \$ 200.00 | | | | |
| x c) Search fee\$500.00 | | | | | | \$ 500.00 | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | | | \$ | | | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each | | | | | | | | | | |
| additional 50 sheets of paper or fraction thereof. | | | | | | | | | | |
| Total Sheets | | | RATE | | | | | | | |
| | | thereof (r | (round up to a whole number) | | | | | | | |
| - 100 = | /50 = | <u> </u> | | × \$250.00 | | \$ | | | | |
| Surcharge of \$13 | 30.00 for furnishing the or | ath or declarat | tion later than 30 months fro | m the ea | ırliest | Φ. | | | | |
| | laimed priority date (37 CFR 1.492(e)). | | | | \$ 130.00 | | | | | |
| CLAIMS | NUMBER FIL | | NUMBER EXTRA | RATE | | \$ | | | | |
| Total claims | 10 | - 20 = | | x \$50.00 | | \$ | | | | |
| Independent clai | | - 3 = | | | 200.00 | \$ | | | | |
| MULTIPLE DEPI | ENDENT CLAIM(S) (if ap | plicable) | L | · | 360.00 | \$ | | | | |
| TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced | | | | | | \$ 1130.00 | | | | |
| by ½. | Liaims small entity status. | See 37 CFR | 1.27. The fees indicated abo | ve are re | eaucea | \$ | | | | |
| SUBTOTAL = | | | | | | \$ 1130.00 | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | | \$ | | | | |
| TOTAL NATIONAL FEE = | | | | | | \$ 1130.00 | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | \$ | | | | |
| TOTAL FEES ENCLOSED = | | | | | | \$ 1130.00 | | | | |
| Amount to be refunded: | | | | | | | \$ | | | |
| | | | \$ | | | | | | | |
| a. 🖾 A chec | ck in the amount of $\$ 1$ | 130.00 | to cover the above | e fees is | enclosed. | | | | | |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account Nol. 8 – 1 1 6 7. A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed | | | | | | | | | | |
| and granted to r | restore the International | Application | to pending status. | - Politio | | 1 | at be illeu | | | |
| SEND ALL COR | RESPONDENCE TO: | | | | Jus | Yful | | | | |
| Larry L. Coats, Esq. | | | | | | y Y | | | | |
| Coats & Bennett, PLLC 1400 Crescent Green, Ste. 300 Larry L | | | | | | Coate | | | | |
| l400 Crescent Green, Ste. 300 Larry L Cary, NC 27511 NAME | | | | | | COULD | | | | |
| | 2/211 | | | | ,620 | | | | | |
| | | | | RE | GISTRATIO | N NUMBER | | | | |

FORM PTO-1390 (REV. 12-2004)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 10/522636

In re Application of: Larcher.

Serial No.: Unknown

Filed:

Title: METHOD AND INSTALLATION FOR THE PRODUCTION OF LIME WATER FROM DEIONISED WATER

Attorney's Docket No: 4195-020

Raleigh, North Carolina January 25, 2005

COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Sir:

EXPRESS MAIL CERTIFICATE LABEL NO.: EV511669024US

DATE MAILED: January 25, 2005

I hereby certify that the enclosed Transmittal Form, Fee Transmittal Form (2 Copies), specification and claims, drawings (1 set of 1 sheet), Cover page of Publication, Certified Copy of Priority Document, Preliminary Examination Report, and our check number 13987 in the amount of \$1130.00 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:

Registration No. 25,620

Telephone: (919) 854-1844